

ABSTRACT OF THE DISCLOSURE

A small-sized low-cost multiplexer with a low insertion loss includes a first filter defining a lowpass filter that passes a signal in a first frequency band and attenuates a signal in second and third frequency bands, a second filter including a SAW filter and defining a bandpass filter that passes a signal in the second frequency band and attenuates a signal in the first and third frequency bands, and a third filter defining a highpass filter that passes a signal in the third frequency band and attenuates a signal in the first and second frequency bands. One of two ports of each of the first, second, and third filters are connected in common with a common port.